

## Data Sheet

# PLASTRONFOAM C 20

<b><u>Application:</u></b>	foaming agent for the extrusion and injection moulding of thermoplastic resins, with a low gas yield at medium and high processing temperatures.
<b><i>Active Ingredients:</i></b>	endothermic multi-component system, based on sodium bicarbonate and citric acid derivatives
<b><i>Active Content:</i></b>	20%
<b><i>Carrier:</i></b>	multi-component polymer blend, compatible with the majority of thermoplastic resins
<b><i>Physiology:</i></b>	the raw materials used, correspond to the recommendations of the European Directives
<b><i>Supplied as:</i></b>	whitish granules

### **Technical Data:**

<b><i>Decomp. Start:</i></b>	> 150°C (max. 160°C in the feeding zone, to avoid predecomposition of the foaming agent)
<b><i>Processing Temp.:</i></b>	for a optimum gas yield, a processing temperature between 190°C and 230°C is recommended

### **Dosage:**

<b><i>Extrusion:</i></b>	Chemical forming	1.2 – 4.0%
	Nucleation for direct gassing	0.6 – 2.5%
<b><i>Injection Moulding:</i></b>	weight reduction	0.8 – 3.0%
	sink mark removal	0.3 – 1.5%

The information given in this data sheet is based on many years of practical experience. Nevertheless can it only be a recommendation and a basis for practical testing, where the optimum dosage has to be determined individually.

All information given herein is only a recommendation. Its use shall remain the sole responsibility of the customer. No patent guarantee whatsoever shall be implied.